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- (71) Applicant (*for all designated States except US*): BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (*US only*): BOGER, Snjezana [HR/DE]; Rechbergstrasse 4, 73734 Esslingen (DE). ENGLERT, Peter [DE/DE]; Heideweg 7/1, 74177 Bad Friedrichshall (DE). PFITZER, Matthias [DE/DE]; Danziger Strasse 17, 73432 Aalen (DE). SEDLMEIR, Sabine [DE/DE]; Kurfürstenstrasse 71, 74821 Mosbach (DE). TRAUTWEIN, Ingo [DE/DE]; Turmstrasse 45, 74321 Bietigheim (DE).
- (74) Joint Representative: BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).
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(54) Title: FLUXING AGENT FOR SOLDERING METAL COMPONENTS

(54) Bezeichnung: FLUSSMITTEL ZUM LÖTEN VON METALLBAUTEILEN

(57) Abstract: The aim of the invention is to provide a fluxing agent for soldering components, which creates one or more specific surface characteristics during the soldering process itself, thus obviating the need for the surface treatment process that is conventionally carried out after the soldering process. To achieve this, nanoparticles are added to a base substance.

(57) Zusammenfassung: Ein Flussmittel zum Löten von Bauteilen soll bereits beim Löten eine oder mehrere spezifische Oberflächeneigenschaften erzeugen, so dass der gesamte dem Lötprozess ansonsten üblicherweise nachgeschaltete Prozess der Oberflächenbehandlung entfällt. Dazu sind einem Basisstoff Nanopartikel zugesetzt.